

## RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/585,040  
Source: FWP  
Date Processed by STIC: 7/12/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 07/12/2006

PATENT APPLICATION: US/10/585,040

TIME: 10:14:50

Input Set : A:\347276 PCT GB.ST25.txt

Output Set: N:\CRF4\07122006\J585040.raw

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5 <110> APPLICANT: Metabolic Explorer
9 <120> TITLE OF INVENTION: Evolved micro-organism for the Production of 1,2-propanediol
13 <130> FILE REFERENCE: 347276
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/585,040
C--> 17 <141> CURRENT FILING DATE: 2006-06-29
17 <150> PRIOR APPLICATION NUMBER: FR 0400214
19 <151> PRIOR FILING DATE: 2004-01-12
23 <160> NUMBER OF SEQ ID NOS: 36
27 <170> SOFTWARE: PatentIn version 3.1
31 <210> SEQ ID NO: 1
33 <211> LENGTH: 102
35 <212> TYPE: DNA
37 <213> ORGANISM: artificial sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
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48 gagctggttt ctaacctgcg tacatatgaa tatectcctt ag                        102
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55 <212> TYPE: DNA
57 <213> ORGANISM: artificial sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
64 <400> SEQUENCE: 2
65 cttaagcctg tttagccgct tctgcagctt taacgattac tgccaaggcg tcagctttca      60
67 gagaagcacc accaaccagc tgtaggctgg agctgcttcg                        100
70 <210> SEQ ID NO: 3
72 <211> LENGTH: 20
74 <212> TYPE: DNA
76 <213> ORGANISM: artificial sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
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90 <211> LENGTH: 20
92 <212> TYPE: DNA
94 <213> ORGANISM: artificial sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
102 <400> SEQUENCE: 4
103 cgtgccatcg acagcagtc                                              20

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106 <210> SEQ ID NO: 5
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110 <212> TYPE: DNA
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114 <220> FEATURE:
115 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
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123 cgtggccgta tcatcgggtga catatgaata tcctccttag      100
126 <210> SEQ ID NO: 6
128 <211> LENGTH: 94
130 <212> TYPE: DNA
132 <213> ORGANISM: artificial sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
139 <400> SEQUENCE: 6
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142 gcaactcaat aaagttgccg ctggagctgc ttcg      94
145 <210> SEQ ID NO: 7
147 <211> LENGTH: 30
149 <212> TYPE: DNA
151 <213> ORGANISM: artificial sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
159 <400> SEQUENCE: 7
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163 <210> SEQ ID NO: 8
165 <211> LENGTH: 30
167 <212> TYPE: DNA
169 <213> ORGANISM: artificial sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
177 <400> SEQUENCE: 8
178 gtgaaagctg acaacccttt tgatctttta      30
181 <210> SEQ ID NO: 9
183 <211> LENGTH: 101
185 <212> TYPE: DNA
187 <213> ORGANISM: artificial sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
195 <400> SEQUENCE: 9
196 atggctgtta ctaatgtcgc tgaacttaac gcactcgtag agcgtgtaaa aaaagcccag      60
198 cgtgaatatg ccagtttcac tcatatgaat atcctcctta g      101
201 <210> SEQ ID NO: 10
203 <211> LENGTH: 100
205 <212> TYPE: DNA
207 <213> ORGANISM: artificial sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide

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215 <400> SEQUENCE: 10
216 caataacgaa tgatagcaat tttaagtagt taggaggtga aaaatgctgt caaaaggcgt      60
218 attgtcagcg cgtcttttca tgtaggctgg agctgcttcg      100
221 <210> SEQ ID NO: 11
223 <211> LENGTH: 22
225 <212> TYPE: DNA
227 <213> ORGANISM: artificial sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
235 <400> SEQUENCE: 11
236 ggctcattgc accaccatcc ag      22
239 <210> SEQ ID NO: 12
241 <211> LENGTH: 24
243 <212> TYPE: DNA
245 <213> ORGANISM: artificial sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
253 <400> SEQUENCE: 12
254 gaaaagacgc gctgacaata cgcc      24
257 <210> SEQ ID NO: 13
259 <211> LENGTH: 20
261 <212> TYPE: DNA
263 <213> ORGANISM: artificial sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
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279 <212> TYPE: DNA
281 <213> ORGANISM: artificial sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
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290 gggtattgtg gcatgtttaa ccg      23
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295 <211> LENGTH: 101
297 <212> TYPE: DNA
299 <213> ORGANISM: artificial sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
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310 accaaagtgc tgggcatgaa gtgtaggctg gagctgcttc g      101
313 <210> SEQ ID NO: 16
315 <211> LENGTH: 100
317 <212> TYPE: DNA
319 <213> ORGANISM: artificial sequence
321 <220> FEATURE:

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328 ttagttgccc agaccgcgac cggcgtcttt ctcttcgatt aactcaattt tgtaaccgtc      60
330 cggatcttcc acaaacgcga catatgaata tcctccttag      100
333 <210> SEQ ID NO: 17
335 <211> LENGTH: 31
337 <212> TYPE: DNA
339 <213> ORGANISM: artificial sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
347 <400> SEQUENCE: 17
348 gaagtggtcg atgccgggat tgaagaatgg g      31
351 <210> SEQ ID NO: 18
353 <211> LENGTH: 31
355 <212> TYPE: DNA
357 <213> ORGANISM: artificial sequence
359 <220> FEATURE:
360 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
365 <400> SEQUENCE: 18
366 gggttacgtt tcagtgaggc gcgttctgcg g      31
369 <210> SEQ ID NO: 19
371 <211> LENGTH: 102
373 <212> TYPE: DNA
375 <213> ORGANISM: artificial sequence
377 <220> FEATURE:
378 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
383 <400> SEQUENCE: 19
384 atgtcagtac ccgttcaaca tcctatgtat atcgatggac agtttggttac ctggcgtgga      60
386 gacgcatgga ttgatgtggt agtgtaggct ggagctgctt cg      102
389 <210> SEQ ID NO: 20
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393 <212> TYPE: DNA
395 <213> ORGANISM: artificial sequence
397 <220> FEATURE:
398 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
403 <400> SEQUENCE: 20
404 ttaagactgt aaataaacca cctgggtctg cagatattca tgcaagccat gtttaccatc      60
406 tgcgccgcca ataccggatt tcatatgaat atcctcctta g      101
409 <210> SEQ ID NO: 21
411 <211> LENGTH: 31
413 <212> TYPE: DNA
415 <213> ORGANISM: artificial sequence
417 <220> FEATURE:
418 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
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424 tgcagcggcg cacgatggcg acgttccgcc g      31
427 <210> SEQ ID NO: 22
429 <211> LENGTH: 31
431 <212> TYPE: DNA

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433 <213> ORGANISM: artificial sequence
435 <220> FEATURE:
436 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
441 <400> SEQUENCE: 22
442 cacgatgacg accattcatg cctatactgg c 31
445 <210> SEQ ID NO: 23
447 <211> LENGTH: 101
449 <212> TYPE: DNA
451 <213> ORGANISM: artificial sequence
453 <220> FEATURE:
454 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
459 <400> SEQUENCE: 23
460 tcagaacagc cccaacgggtt tatccgagta gctcaccagc aggcacttgg tttgctggta 60
462 atgctccagc atcatcttgt gtgtaggctg gagctgcttc g 101
465 <210> SEQ ID NO: 24
467 <211> LENGTH: 100
469 <212> TYPE: DNA
471 <213> ORGANISM: artificial sequence
473 <220> FEATURE:
474 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
479 <400> SEQUENCE: 24
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482 ttaaaagccc gctatgacaa catatgaata tcctccttag 100
485 <210> SEQ ID NO: 25
487 <211> LENGTH: 40
489 <212> TYPE: DNA
491 <213> ORGANISM: artificial sequence
493 <220> FEATURE:
494 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
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505 <211> LENGTH: 31
507 <212> TYPE: DNA
509 <213> ORGANISM: artificial sequence
511 <220> FEATURE:
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518 tatgttcacg cgatggcgca ccagctgggc g 31
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525 <212> TYPE: DNA
527 <213> ORGANISM: artificial sequence
529 <220> FEATURE:
530 <223> OTHER INFORMATION: Other information : synthetic oligonucleotide
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539 <210> SEQ ID NO: 28
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/585,040

DATE: 07/12/2006

TIME: 10:14:51

Input Set : A:\347276 PCT GB.ST25.txt

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L:17 M:270 C: Current Application Number differs, Replaced Current Application No

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date